

**ENGINEERING & STANDARDS DEPARTMENT**  
**693A Spanish Town Road, Kingston 11**  
**Tel. (876) 733-6171 or Tel. (876) 937-9320**

**T & D MATERIAL PURCHASING SPECIFICATION**

<b>JPS Specification No.: Clamp-on, Current Transformers-2022</b>	<b>DATE: September 30, 2022</b>
<b>ITEM STOCK: See Table 2 Below</b>	<b>SUPERSEDES: January 21, 2019</b>

**DESCRIPTION:** Clamp-on, Current Transformers.  
**APPLICATION:** To be used for transformer metering purposes.

**SPECIFICATION**

**Clamp-on, Current Transformers, to be used for transformer metering purposes.**

The CTs shall be split core, rectangular type or window type with clamp on capability. CTs shall be manufactured to meet the requirements of IC 61869-2-2012 and revisions. Terminals shall be brass studs, each with a flat washer and regular nut. Polarity (both for primary and secondary leads) shall be marked and the CTs shall have the following characteristics:

Parameters	Value
Accuracy Class	See table 2 below
Rated Burden	See table 2 below
Nominal Voltage	600V
Frequency	50Hz
BIL	10kV
Ingress Protection	IP65

*Table 1*

The CTs Ratio, Burden and Accuracy shall be as follows with corresponding stock number:

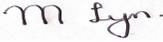
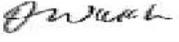
STOCK NUMBER:	RATIO:	RATE BURDEN (VA)	ACCURACY CLASS
021803018030	50/5	1.5	1.0
021803018031	100/5	1.5	1.0
021803018006	200/5	2.5	1.0
021803018007	400/5	2.5	0.5
021803018032	600/5	2.5	0.5
021803018033	800/5	2.5	0.5
021803018034	1500/5	2.5	0.5
021803018035	2000/5	2.5	0.5

*Table 2*

CTs shall have markings and nameplate data that are legible. A nameplate shall be affix to the body of the CT and it shall consist of a voltage sampler screw.



The CTs shall be Hexing Catalogue number LVKDK-41W, according to the required ratio, or approved equal

<b>Prepared By:</b>  <hr/> <b>Matthew Lyn</b> <b>Standards Engineer</b> <b>Engineering Standards and Testing Services</b> <b>Sep-30-2022</b>	<b>Reviewed By:</b>  <hr/> <b>Uton Tobin</b> <b>Specialist Standards Engineer</b> <b>Engineering and Standards</b> <b>Sep-30-2022</b>	<b>Approved By:</b>  <hr/> <b>Osawaki Wickham</b> <b>HOD</b> <b>Engineering and Standards</b> <b>Sep-30-2022</b>
--	---	--